



UPPER PRIMARY

Advance Science

E-Booklet

Part 4

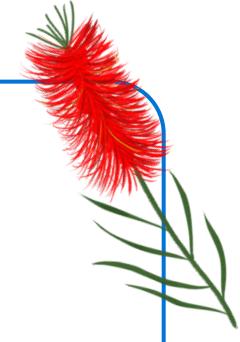
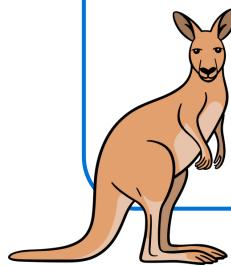


Living Things Classifications - Exercise 1

Upper Primary Advance Science

Fill in the blanks using the helping words provided.

organism backbone vertebrates carnivores
invertebrates classification reptiles herbivores
plant reproduce



1. Every living thing, from eucalyptus trees to kangaroos, is called an _____.
2. Scientists group living things through _____.
3. Animals are sorted by whether they have a _____ or not.
4. Animals without a backbone are _____.
5. Animals with a backbone are _____.
6. Snakes and lizards belong to _____.
7. Meat-eaters like dingoes are _____.
8. Plant-eaters like kangaroos are _____.
9. A _____ makes its own food using sunlight.
10. Living things must _____ to make more of their kind.

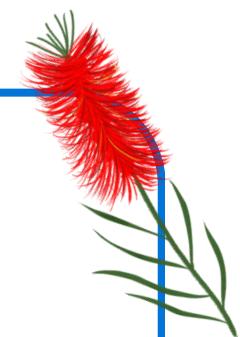
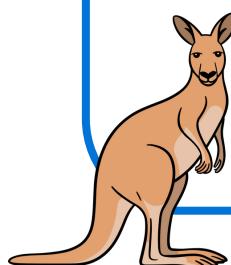


Living Things Classifications - Exercise 1 - Solutions

Upper Primary Advance Science

Fill in the blanks using the helping words provided.

organism backbone vertebrates carnivores
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plant reproduce



1. Every living thing, from eucalyptus trees to kangaroos, is called an organism.
2. Scientists group living things through classification.
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8. Plant-eaters like kangaroos are herbivores.
9. A plant makes its own food using sunlight.
10. Living things must reproduce to make more of their kind.



Living Things Classifications - Exercise 2

Upper Primary Advance Science

Answer the questions below.

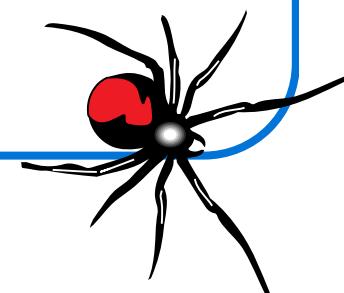


redback spider koala

echidna quokka

platypus

pollination



Part A – Fill in the Blanks

1. The _____ carries its baby in a pouch.
2. A _____ is an Australian backyard invertebrate.
3. The _____ lays eggs but feeds milk to its young.
4. The _____ is a smiling marsupial from Rottnest Island.
5. The _____ is an egg-laying mammal that swims.
6. _____ moves pollen so native flowers like banksia can form seeds.

Part B – Short Answer



1. How do plants and animals get energy differently?

2. Name two Australian carnivores.

3. What is classification and why is it important?

Living Things Classifications - Exercise 2 -Solutions

Upper Primary Advance Science

Answer the questions below.

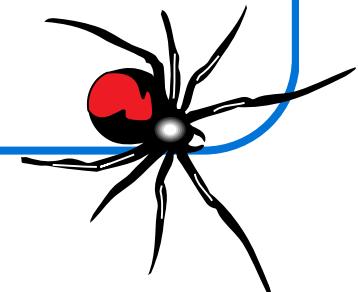


redback spider koala

echidna quokka

platypus

pollination



Part A – Fill in the Blanks

1. The **koala** carries its baby in a pouch.
2. A **redback spider** is an Australian backyard invertebrate.
3. The **echidna** lays eggs but feeds milk to its young.
4. The **quokka** is a smiling marsupial from Rottnest Island.
5. The **platypus** is an egg-laying mammal that swims.
6. **pollination** moves pollen so native flowers like banksia can form seeds.

Part B – Short Answer



1. How do plants and animals get energy differently?

Plants use photosynthesis; animals eat food.

2. Name two Australian carnivores.

Dingo & Tasmanian devil

3. What is classification and why is it important?

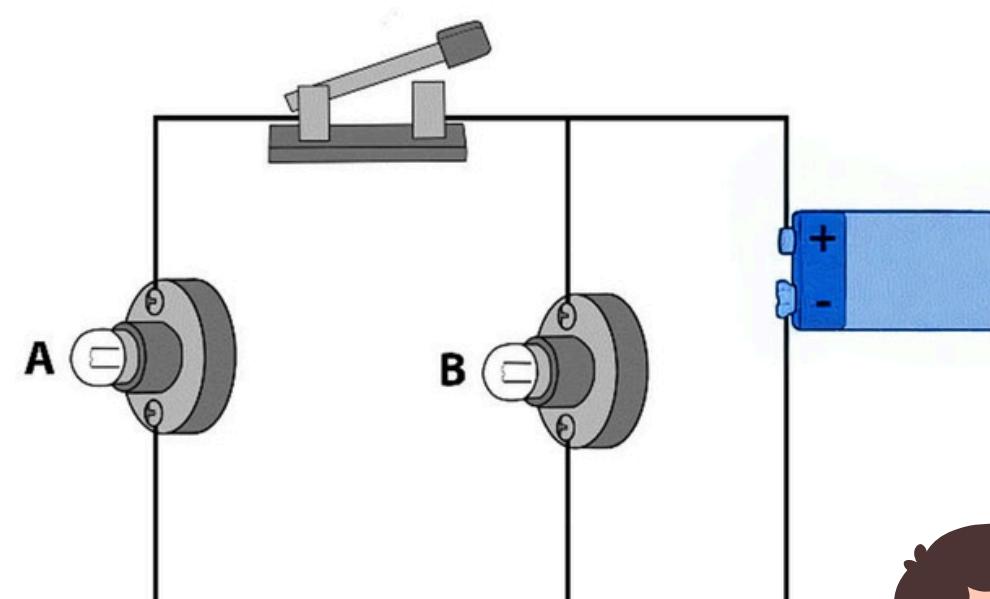
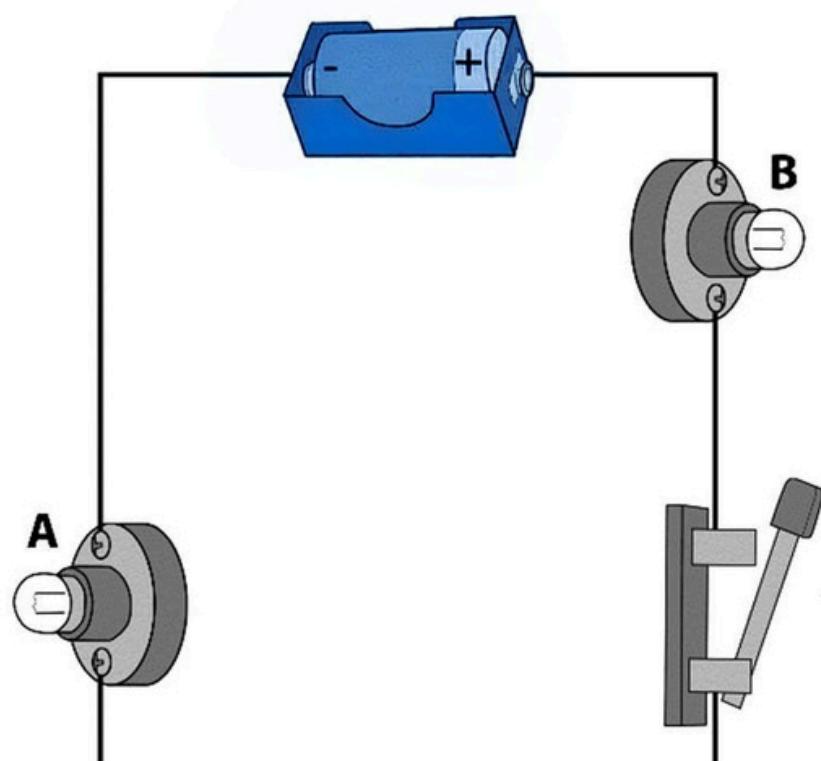
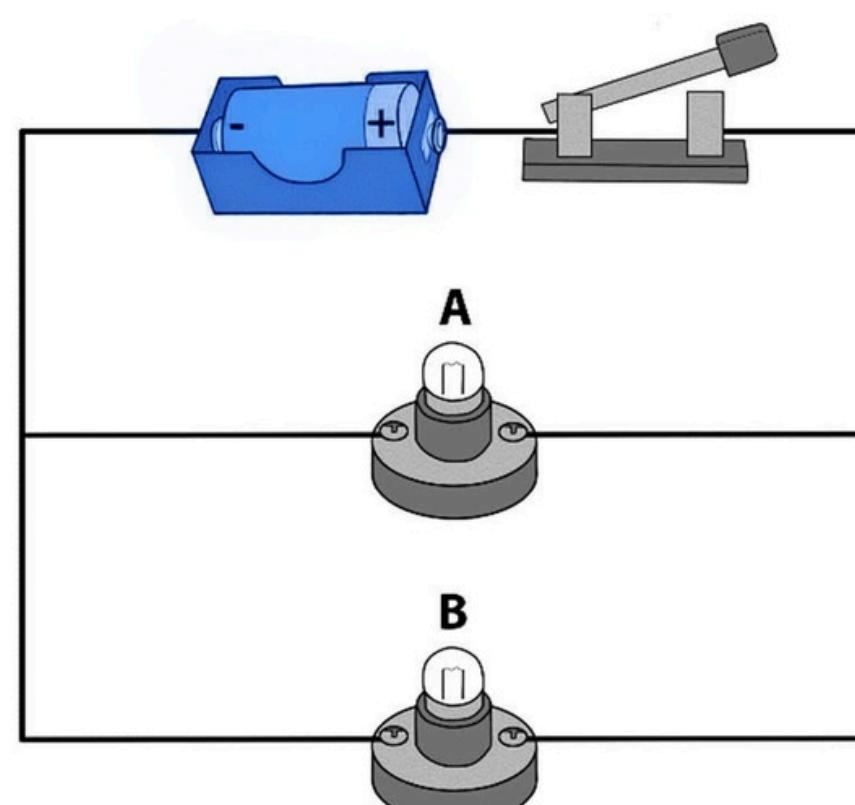
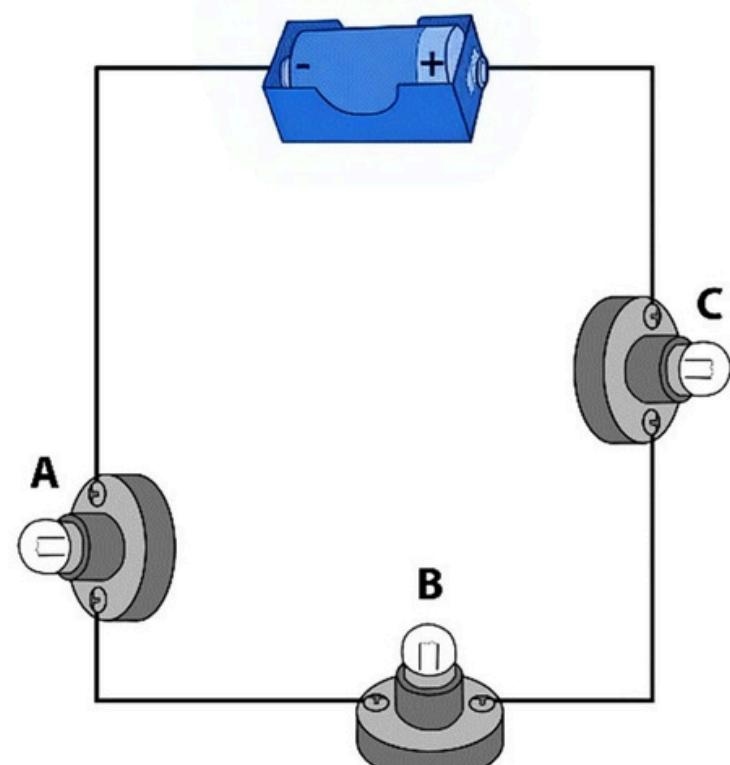
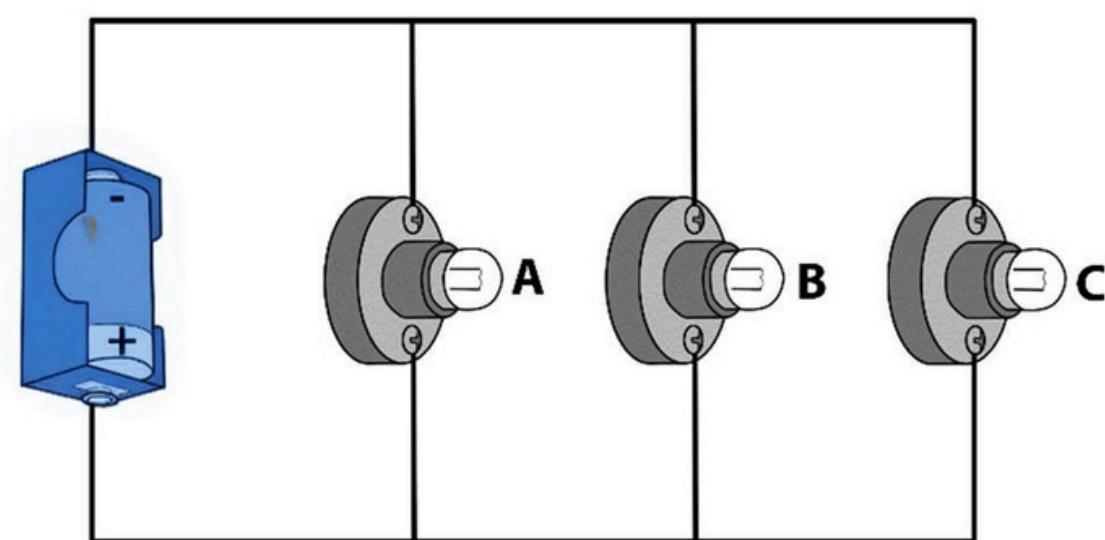
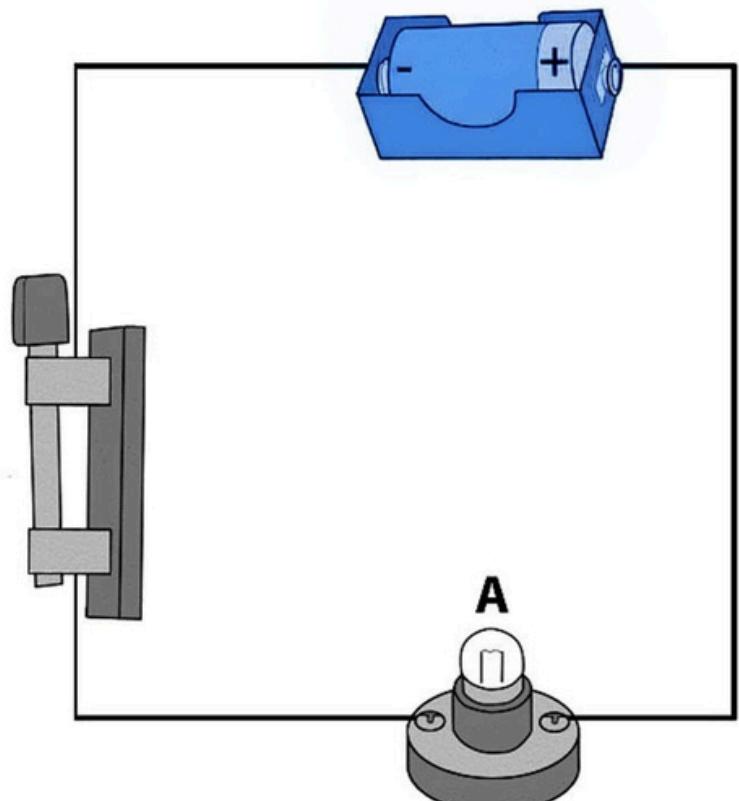
Grouping living things by similarities or differences. It helps us sort

millions of living things into neat groups so we can study them easily.

Electrical Circuits - Exercise 1

Upper Primary Advance Science

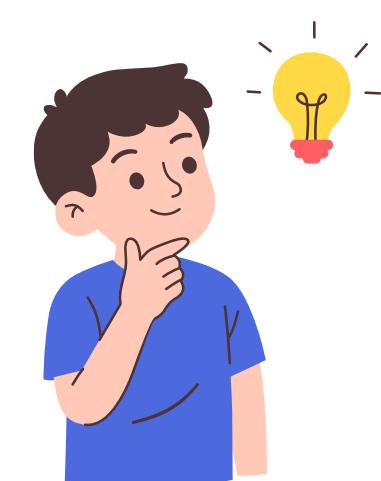
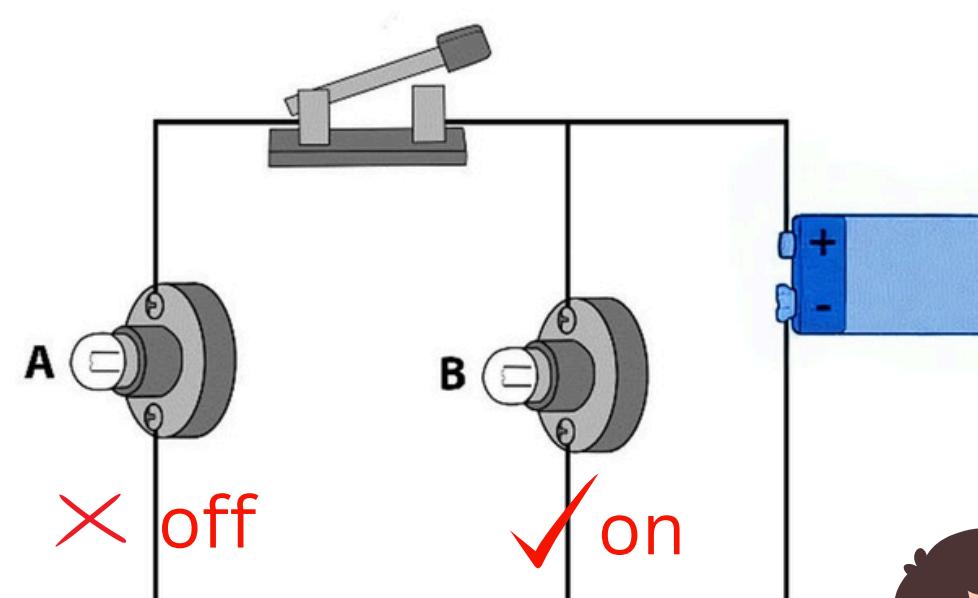
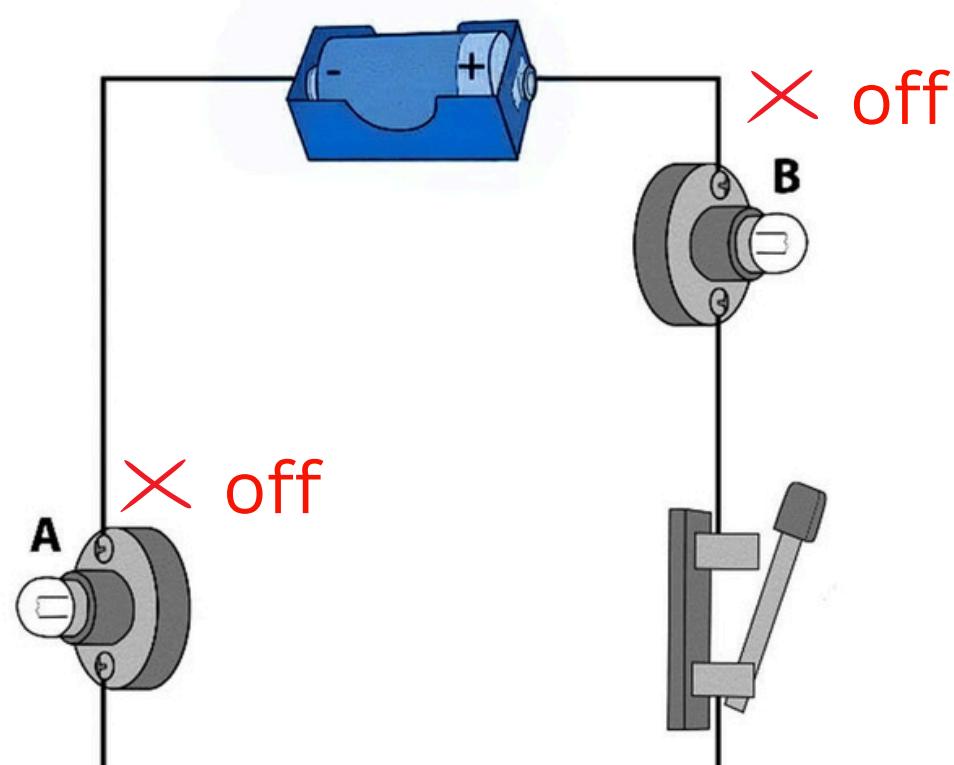
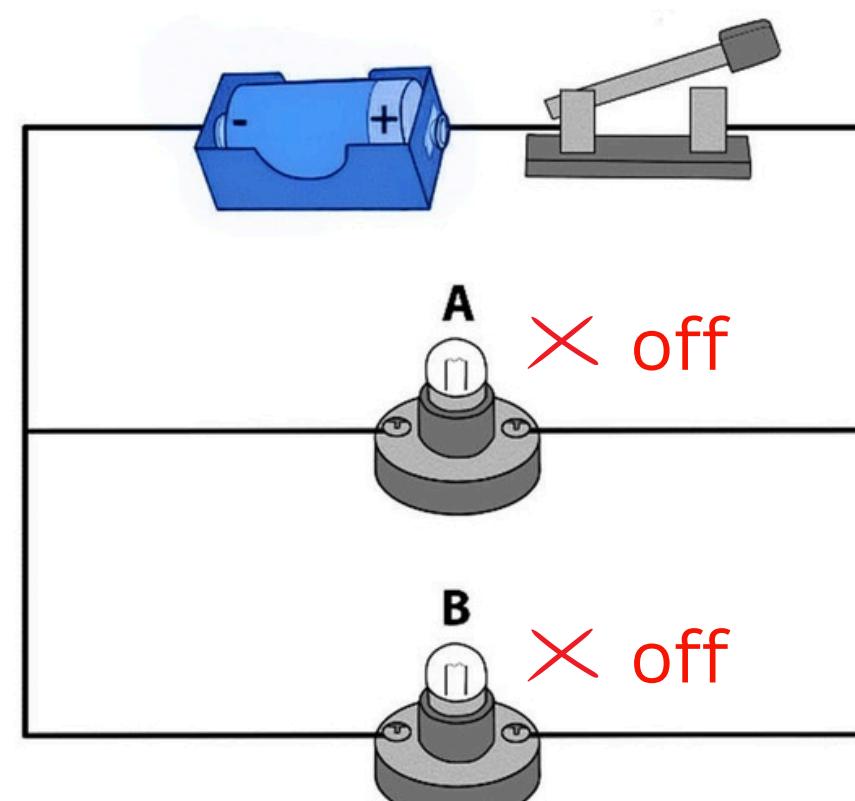
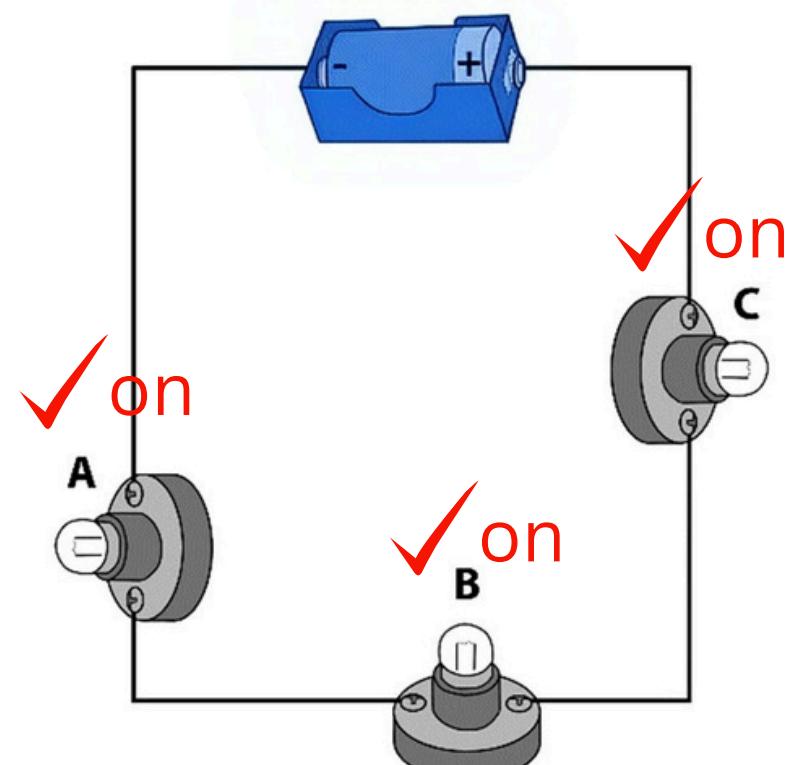
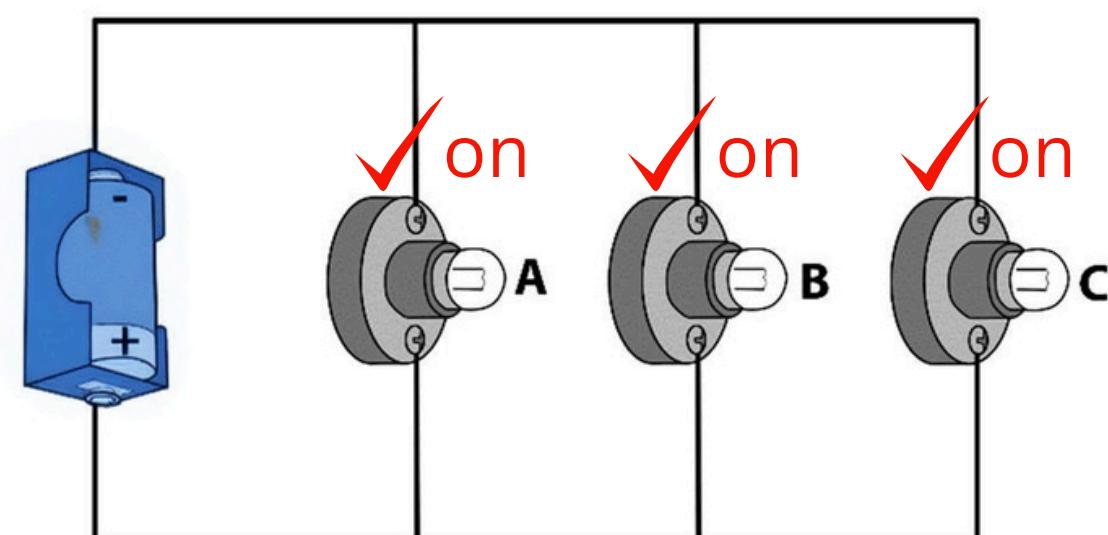
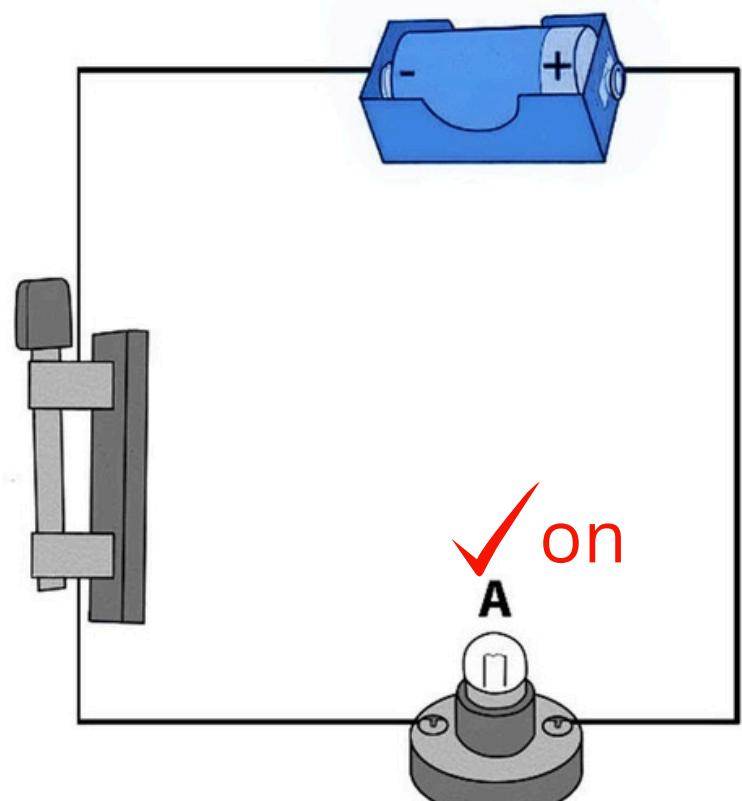
Determine if the bulb will light up or not. Put a cross (X) if it does not light up and a tick if it does (✓).



Electrical Circuits - Exercise 1 - Solutions

Upper Primary Advance Science

Determine if the bulb will light up or not. Put a cross (X) if it does not light up and a tick if it does (✓).

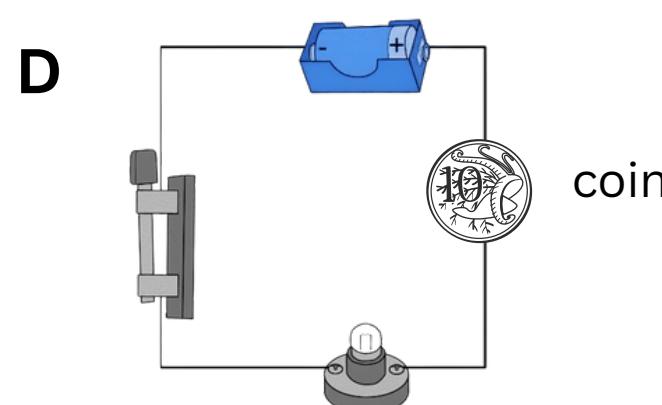
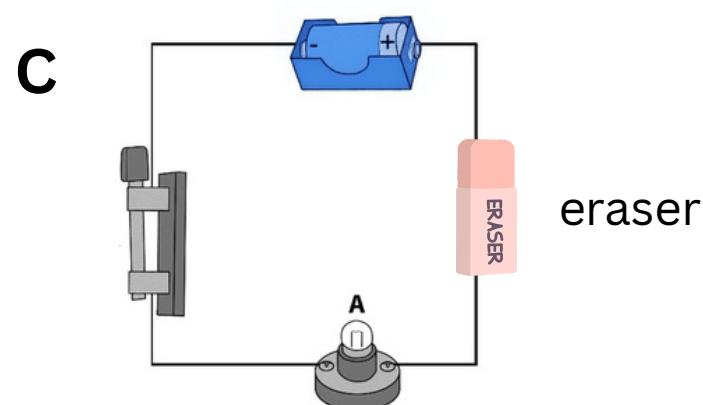
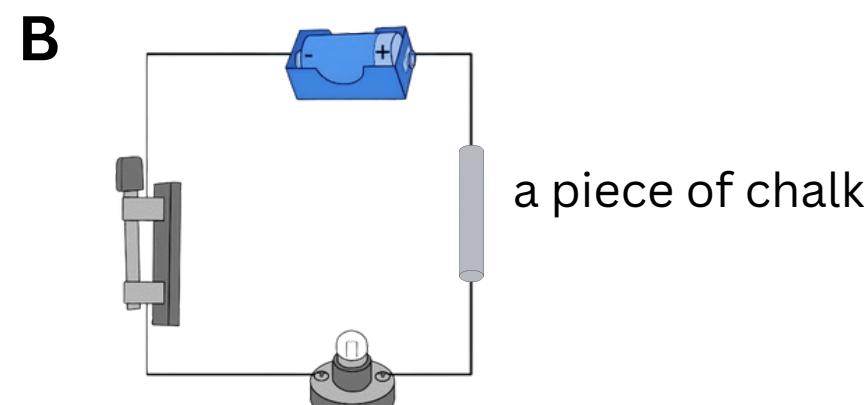
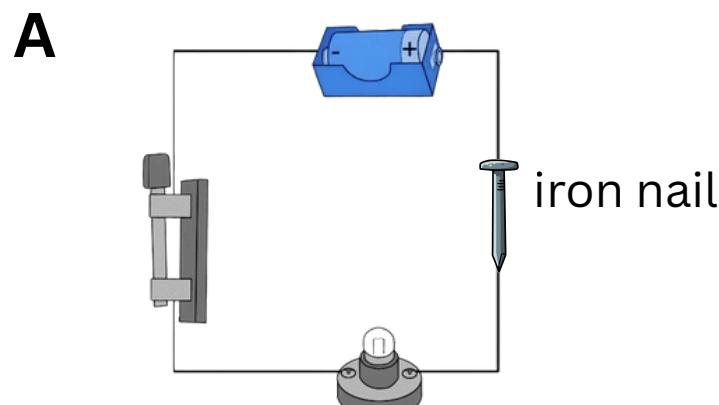


Electrical Circuits - Exercise 2

Upper Primary Advance Science

Choose the correct answers and circle your option.

1. Which of the following bulbs will light up? (Hint: Choose 2)



2. The diagram below shows a battery. Which part of the battery should the metal tip of the light bulb be connected to?



3. A _____ is used to open or close a circuit.

- A. gap
- B. path
- C. plug
- D. switch

4. The torch uses electricity from the _____.

- A. sun**
- B. bulb**
- C. battery**
- D. power station**

5. Which of the following statements about electricity is **incorrect**?

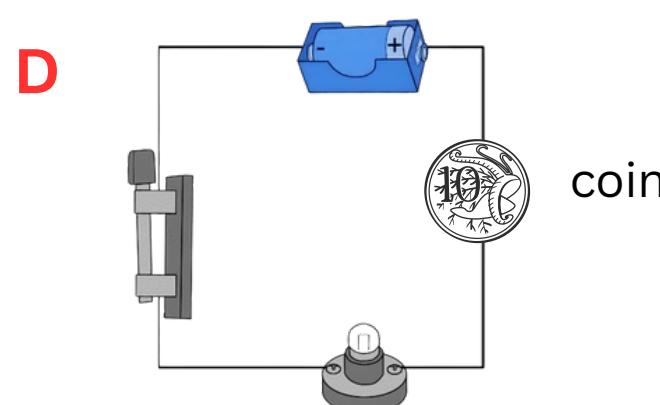
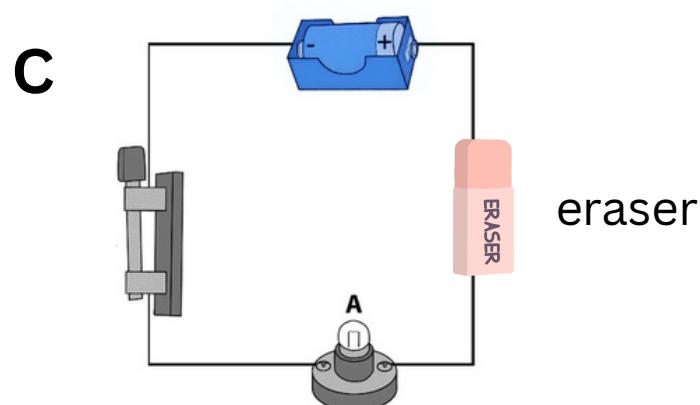
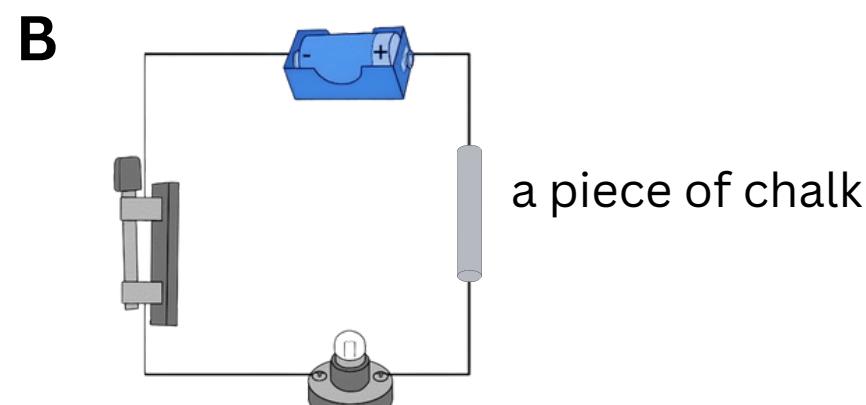
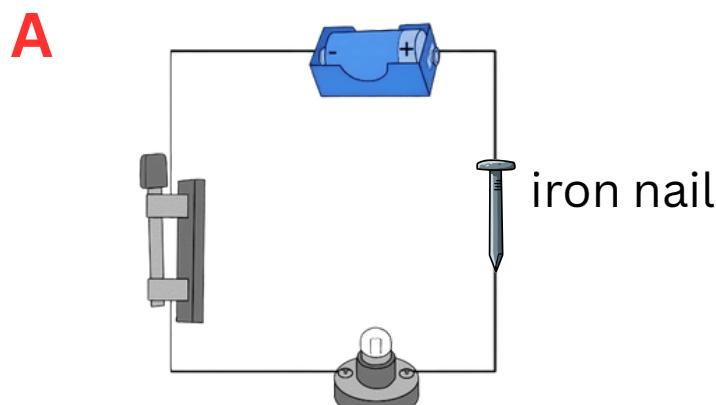
- A. It is a kind of energy.
- B. It is used to light up bulbs.
- C. It can flow through a closed circuit.
- D. It can be seen because it produces light.

Electrical Circuits - Exercise 2 - Solutions

Upper Primary Advance Science

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